

=====

Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=4; day=23; hr=14; min=45; sec=28; ms=199; ]

=====

Application No: 10554240 Version No: 3.0

**Input Set:**

**Output Set:**

**Started:** 2008-04-09 18:01:27.370  
**Finished:** 2008-04-09 18:01:29.224  
**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 854 ms  
**Total Warnings:** 15  
**Total Errors:** 11  
**No. of SeqIDs Defined:** 15  
**Actual SeqID Count:** 15

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
E 257	Invalid sequence data feature in <221> in SEQ ID (8)
E 257	Invalid sequence data feature in <221> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
E 257	Invalid sequence data feature in <221> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
E 257	Invalid sequence data feature in <221> in SEQ ID (12)
E 257	Invalid sequence data feature in <221> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
E 257	Invalid sequence data feature in <221> in SEQ ID (13)
E 257	Invalid sequence data feature in <221> in SEQ ID (13)

**Input Set:**

**Output Set:**

**Started:** 2008-04-09 18:01:27.370  
**Finished:** 2008-04-09 18:01:29.224  
**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 854 ms  
**Total Warnings:** 15  
**Total Errors:** 11  
**No. of SeqIDs Defined:** 15  
**Actual SeqID Count:** 15

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
E 257	Invalid sequence data feature in <221> in SEQ ID (14)
E 257	Invalid sequence data feature in <221> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
E 257	Invalid sequence data feature in <221> in SEQ ID (15)
E 257	Invalid sequence data feature in <221> in SEQ ID (15)

<210> 1  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 1

Gln Trp Ala Val Gly His Leu Leu  
1 5

<210> 2  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 2

Gln Trp Ala Val Gly His Leu Met  
1 5

<210> 3  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 3

Gln Trp Ala Val Gly His Phe Met  
1 5

<210> 4  
<211> 28  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 4

His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln  
1 5 10 15

Met Ala Val Lys Lys Leu Leu Asn Ser Ile Leu Asn

20

25

<210> 5  
<211> 28  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 5

His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln  
1 5 10 15

Met Ala Val Lys Lys Ala Leu Asn Ser Ile Leu Asn  
20 25

<210> 6  
<211> 28  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 6

His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln  
1 5 10 15

Met Ala Val Lys Lys Phe Leu Asn Ser Ile Leu Asn  
20 25

<210> 7  
<211> 28  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 7

His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln  
1 5 10 15

Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn  
20 25

<210> 8  
<211> 8  
<212> PRT  
<213> Artificial  
  
<220>  
<223> synthetic peptide

<220>  
<221> MOD\_RES  
<222> (5)..(5)  
<223> bAla

<220>  
<221> MOD\_RES  
<222> (8)..(8)  
<223> Nle

<400> 8

Gln Trp Ala Ala Xaa His Phe Xaa  
1 5

<210> 9  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<220>  
<221> SITE  
<222> (7)..(8)  
<223> Psi(CH2-NH) linker between residues 7-8

<400> 9

Gln Trp Ala Val Gly His Leu Leu  
1 5

<210> 10  
<211> 8  
<212> PRT  
<213> Artificial

<220>  
<223> synthetic peptide

<220>  
<221> SITE  
<222> (7)..(8)

<223> Psi(CH2-NH) linker between residues 7-8

<400> 10

Gln Trp Ala Val Gly His Leu Phe

1 5

<210> 11

<211> 8

<212> PRT

<213> Artificial

<220>

<223> synthetic peptide

<220>

<221> MOD\_RES

<222> (5)..(5)

<223> bAla

<400> 11

Gln Trp Ala Val Xaa His Leu Leu

1 5

<210> 12

<211> 8

<212> PRT

<213> Artificial

<220>

<223> synthetic peptide

<220>

<221> MOD\_RES

<222> (5)..(5)

<223> bAla

<220>

<221> MOD\_RES

<222> (8)..(8)

<223> Nle

<400> 12

Gln Trp Ala Val Xaa His Leu Xaa

1 5

<210> 13

<211> 8

<212> PRT

<213> Artificial

<220>  
<223> synthetic peptide

<220>  
<221> MOD\_RES  
<222> (5)..(5)  
<223> bAla

<220>  
<221> MOD\_RES  
<222> (8)..(8)  
<223> Nle

<400> 13

Gln Trp Ala Val Xaa His Phe Xaa  
1 5

<210> 14  
<211> 8  
<212> PRT  
<213> Artificial

<220>  
<223> synthetic peptide

<220>  
<221> MOD\_RES  
<222> (5)..(5)  
<223> bAla

<220>  
<221> MOD\_RES  
<222> (8)..(8)  
<223> Nle

<400> 14

Gln Trp Ala Val Xaa His Ala Xaa  
1 5

<210> 15  
<211> 8  
<212> PRT  
<213> Artificial

<220>  
<223> synthetic peptide

<220>  
<221> MOD\_RES

<222> (5) .. (5)

<223> bAla

<220>

<221> MOD\_RES

<222> (8) .. (8)

<223> N1e

<400> 15

Gln Trp Ala Val Xaa Ala Phe Xaa

1 5